

## What Is Claimed Is:

*Sub C1* 1. A data transceiving system wherein:  
data are sent from a broadcasting station to a plurality of television receivers by broadcasting;

5 response information is sent from said television receivers to response information receiving equipment by communication lines; and

said broadcast station makes transmissions inclusive of retrial information to enable said  
10 television receivers to make retrial transmissions when said television receivers are unable to establish communications with said response information receiving equipment.

15 2. A data transceiving system wherein:  
data are sent from a broadcasting station to a plurality of television receivers by broadcasting;

response information is sent from said television receivers to response information receiving  
20 equipment by communication lines; and

said television receivers, upon receiving data containing retrial information to enable retrial transmissions with said response information receiving equipment when communications could not be established  
25 with said response information receiving equipment,

retransmit said response information on basis of that retrieval information.

3. A data transceiving system comprising:

5 a broadcast unit for broadcasting data;

a plurality of television receivers for receiving said data and transmitting response information over communication lines; and

10 response information receiving equipment, connected via said communication lines to said television receivers, for receiving response information from said television receivers; wherein:

15 said broadcast unit sends retrieval information, according to allowable volume of said communication lines, included in said data; and

20 said television receivers retrieval-transmit said response information on basis of said retrieval information received when communications could not be established with said response information receiving equipment.

4. A television receiver for receiving data broadcast from a broadcast unit and displaying images, and transmitting response information to response information receiving equipment over communication lines, 25 wherein:

said response information is retrieval-transmitted to said response information receiving equipment, on basis of retrieval information received from said broadcast unit, when communications could not be established with said response information receiving equipment.

5. A television receiver comprising:

means for receiving data sent from a broadcast unit;

means for outputting display data based on said received data to display means; and

communication means, being means that transmit said response information over communication lines, for retrieval-transmitting said response information, on basis of retrieval information contained in said received data, when communications could not be established with said response information receiving equipment.

6. A television receiver comprising:

means for receiving data sent from a broadcast unit;

means for displaying display data based on said received data; and

communication means, being means that transmit response information over communication lines, for

retrial-transmitting said response information, on basis of retrial information sent from said broadcast unit, when communications could not be established with response information receiving equipment.

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7. The television receiver according to claim 4, wherein initial transmission scheduling times with said response information receiving equipment are specified by random computation based on received delay information.

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8. The television receiver according to claim 4, wherein determination as to whether or not to make retrial transmissions is based on a transmission end time sent from said broadcast unit.

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9. The television receiver according to claim 4, comprising detection means for detecting causes of non-establishment of communications with said response information receiving equipment.

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10. The television receiver according to claim 9, comprising retrial condition alteration means for altering conditions for retrial transmissions from next time on, on basis of said cause detected.

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17. The television receiver according to claim 15, wherein a history of communications with said response information receiving equipment is stored in memory, and notification data are generated.

15           19. The television receiver according to claim 18,  
comprising editing means for editing said response  
information when an edit instruction is sent from a user.

communication means for sending response  
information over communication lines; wherein:

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could not be established with response information receiving equipment.

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21. The data receiver according to claim 20,  
5 wherein said communication means comprise: retrieval time specifying data computation means for computing retrieval time specifying data for specifying retrieval times, on basis of said retrieval information, when communications with said response information receiving equipment could  
10 not be established; and transmission means for retransmitting said stored response information when said retrieval time is reached.

22. The data receiver according to claim 20,  
15 wherein initial transmission scheduling times with said response information receiving equipment are specified after being randomly computed on basis of received delay information.

20 23. The data receiver according to claim 20, wherein determination as to whether or not to make retrieval transmission is made on basis of transmission end time provided by said broadcast unit.

25 24. The data receiver according to claim 20, comprising detection means for detecting causes of non-

establishment of communications with said response information receiving equipment.

25. A data transceiving system wherein:

5 data are sent from a broadcast station to a plurality of data receivers by broadcasting;

response information is sent after a delay from said plurality of data receivers to response information receiving equipment by communication lines;

10 said broadcast station sends retrieval information contained in said data;

said data receiver resends said response information based on said retrieval information when communications could not be established with said response information receiving equipment; and

15 said response information receiving equipment, upon receiving said response information from said data receiver, notifies a user of said data receiver that response information was received by a communication line  
20 other than said communication lines.

26. A television receiver comprising:

a tuner for selecting a transport stream from data sent from a broadcast unit;

25 a transport decoder for selecting display data of a desired service from said selected transport stream;



an AV decoder for outputting said display data of said selected service to a monitor;

a control input unit wherewith a user inputs response information;

5 a line communication unit for sending said response information over a communication line;

a CPU; and

a memory in which a control program for said CPU is stored; wherein:

10 said control program retrial-transmits said response information via said line communication unit, based on retrial information contained in said data, when communications could not be established with said response information receiving equipment.

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27. A data transceiving system comprising:

a server wherein prescribed data are stored in memory unit; and

a plurality of computers capable of being  
20 connected to said server; wherein:

said server, when said computers send download requests to said server, send data specified by said download requests to said computers;

said server, upon receiving said download  
25 requests, sends download request transmission-delaying

said computers send download requests, after a delay, to said server, based on said download request transmission-delaying program.

28. A data transceiving system server which, being a server connected to a plurality of computers, upon receiving a download request from any computer, does not cause data specified by that download request to be transmitted to said computer making that download request, but rather sends thereto a download request transmission-  
10 delaying program which sends download requests to said server after a delay.

89

said broadcast unit sends probability variation data, included in said data, wherewith probability of generating a transmission time varies over time; and

5        said data receivers determine transmission  
scheduling times for transmitting to said response  
information receiving equipment on basis of said received  
probability variation data.

30. A data transceiving system for transmitting  
10 data by broadcast from a broadcast station to a plurality  
of data receivers, and transmitting response information  
from said data receivers to response information  
receiving equipment by communication lines, wherein:

15        said receivers, upon receiving probability  
variation data wherewith the probability wherewith  
transmission times are generated varies over time from  
said broadcast station, determine transmission scheduling  
times for transmitting to said response information  
receiving equipment on basis of said received probability  
20        variation data.

31. A data receiver for receiving data broadcast  
from a broadcast unit and sending response information  
over a communication line to response information  
25 receiving equipment, wherein:

transmission scheduling times for transmitting to said response information receiving equipment are determined on basis of received probability variation data, when said probability variation data, wherewith  
5 probability with which transmission times are generated varies over time, are received from said broadcast unit.

32. The data receiver according to claim 31, wherein time until said transmission scheduling time is  
10 random-number generated using said received probability variation data, and said transmission scheduling time is determined, when a transmission start enabled time is received from said broadcast unit.

33. A data transceiving method for receiving broadcast data and sending response information over communication lines, wherein:

when data inclusive of retrial information according to allowable volume on said communication lines  
20 are received, when communication could not be established using said communication lines, said response information are retrial-transmitted on basis of said received retrial information.

34. A data transceiving method for sending response information over communication lines when data broadcast are received, wherein:

said data include probability variation data  
5 wherewith probability of generating a transmission time varies over time; and

transmission scheduling times for transmitting over said communication lines are determined on basis of said received probability variation data.

10 35. A recording medium for storing a program, wherein:

said program is for controlling, by computer, a television receiver that receives data broadcast from a  
15 broadcast unit and sends response information to response information receiving equipment over a communication line; and

said program performs processing for retrieval-transmitting said response information to said response  
20 information receiving equipment on basis of retrieval information received from said broadcast unit, when communications could not be established with said response information receiving equipment.

25 36. A recording medium for storing a program, wherein:

5 line; and

received.

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